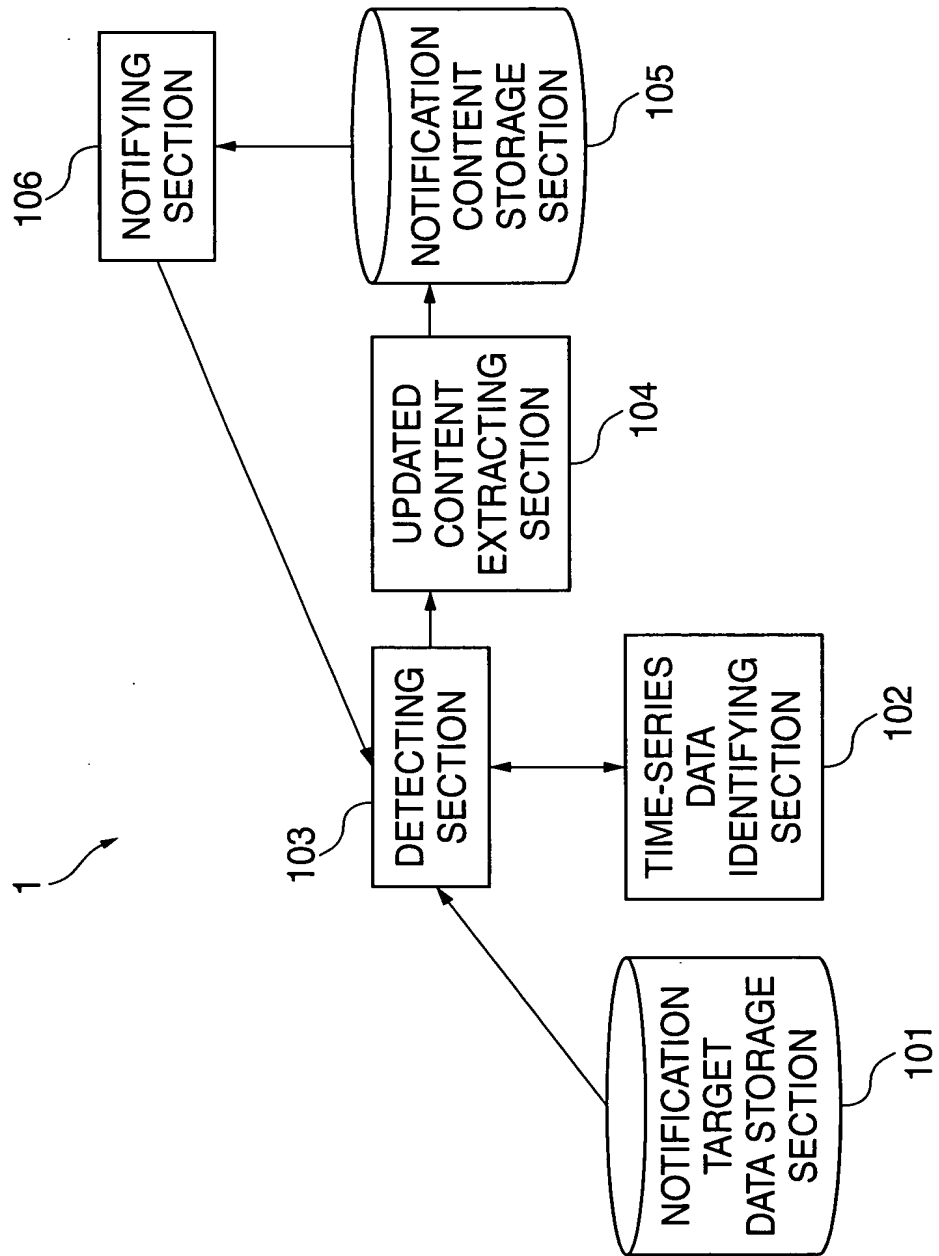


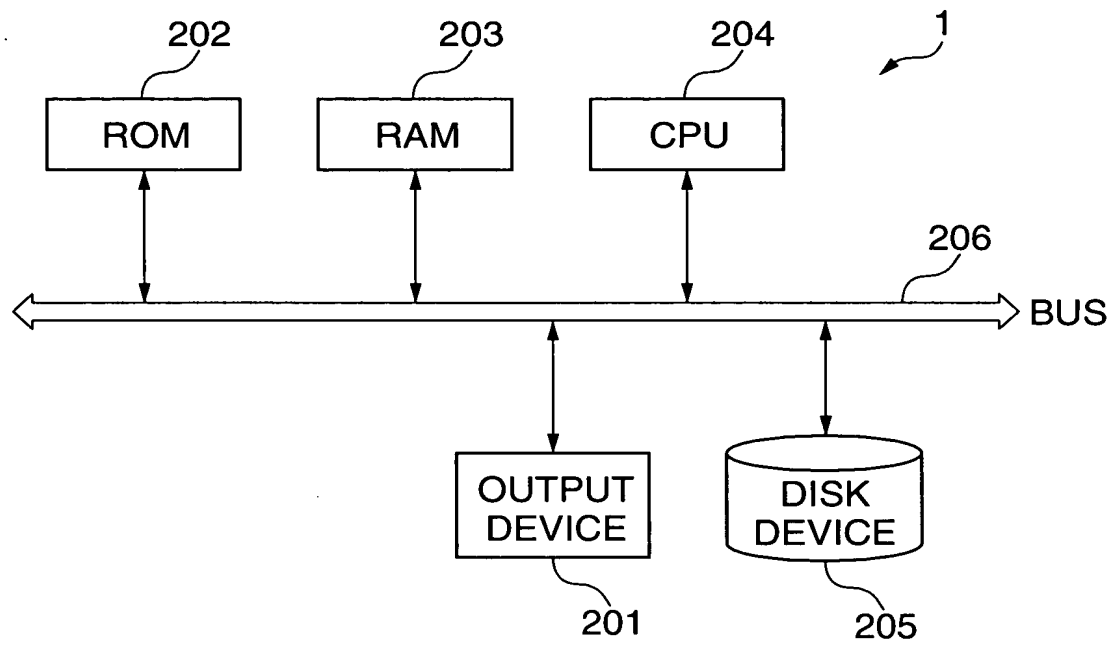
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FIG. 1



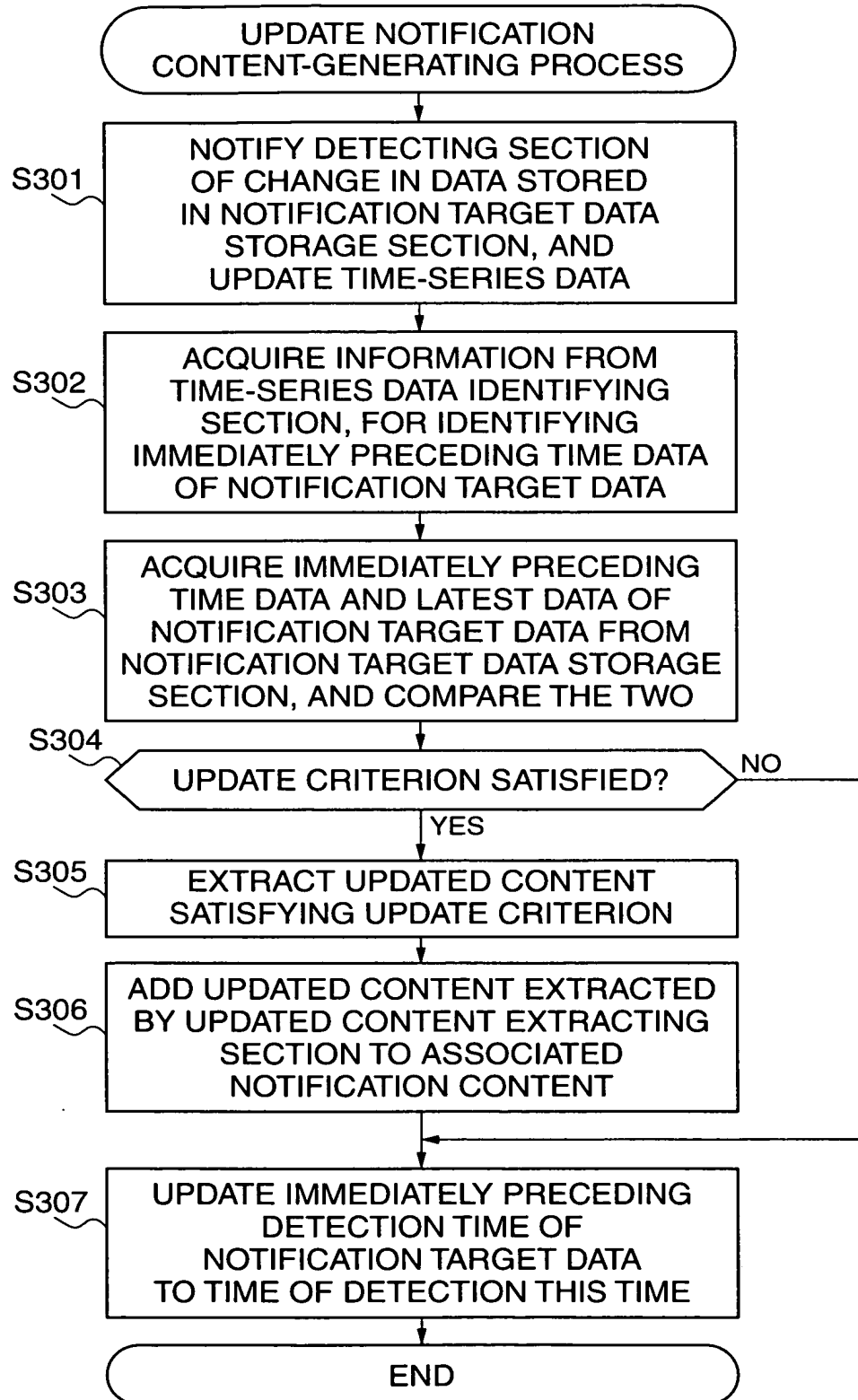
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**FIG. 2**



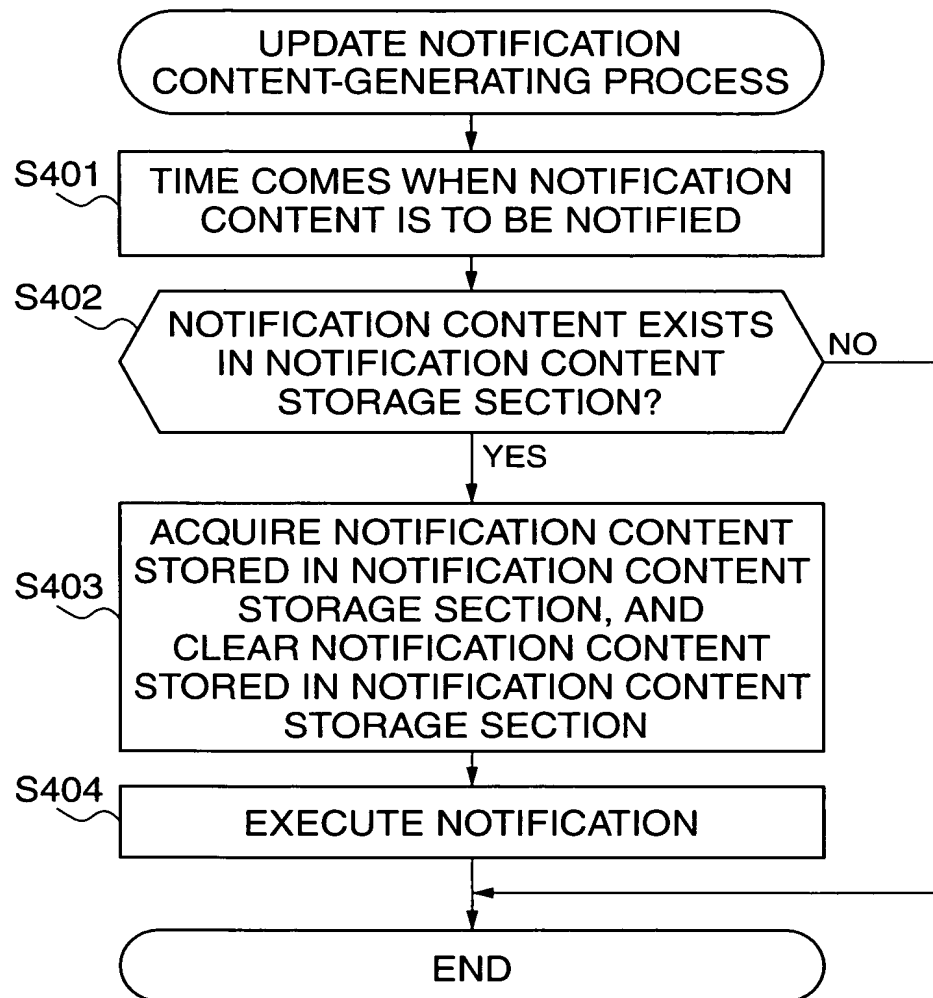
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**FIG. 3**



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**FIG. 4**



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FIG. 5

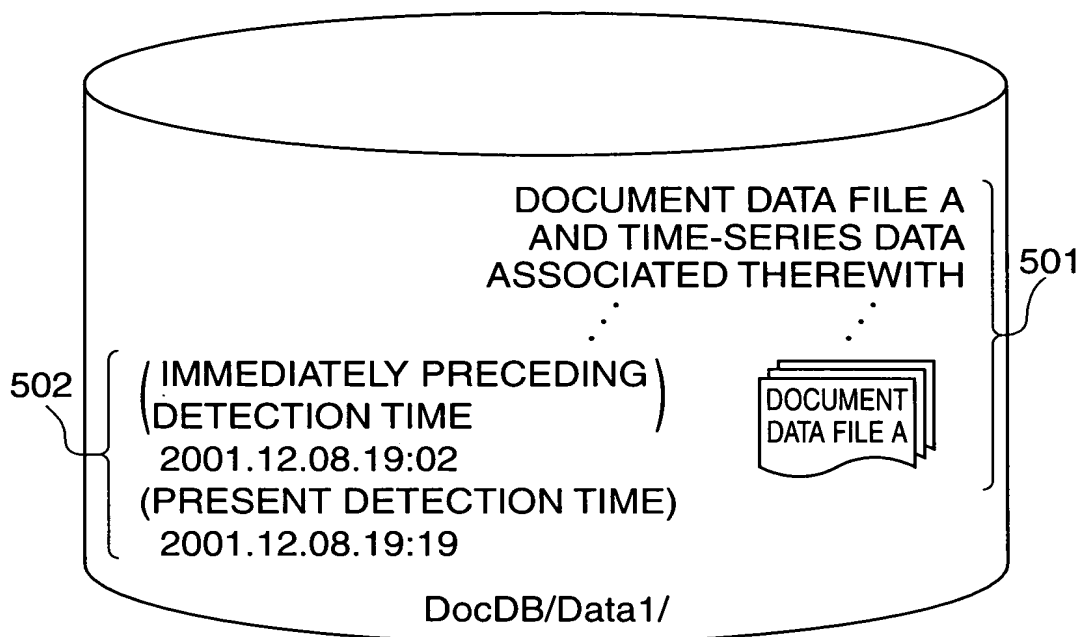


FIG. 6

NOTIFICATION TARGET DATA	IMMEDIATELY PRECEDING DETECTION TIME
DocDB/Data1/DOCUMENT DATA FILE A	2001 12 08 19:02
DocDB/Data1/DOCUMENT DATA FILE B	2001 12 07 20:00
⋮	⋮

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FIG. 7A

701A

```
<HTML>
<HEAD>
  <TITLE>
    TODAY'S GAME_FIRST TEAM
    vs. SECOND TEAM
  </TITLE>
</HEAD>
<BODY>
  <P>
    FIRST TEAM : SECOND TEAM
    (BEFORE GAME)
  </P>
</BODY>
</HTML>
```

DOCUMENT DATA A STORED  
AT PRECEDING NOTIFYING TIME

FIG. 7B

701B

```
<HTML>
<HEAD>
  <TITLE>
    TODAY'S GAME_FIRST TEAM
    vs. SECOND TEAM
  </TITLE>
</HEAD>
<BODY>
  <P>
    FIRST TEAM : SECOND TEAM
    (FINAL) 10 : 2
  </P>
</BODY>
</HTML>
```

LATEST DOCUMENT DATA A

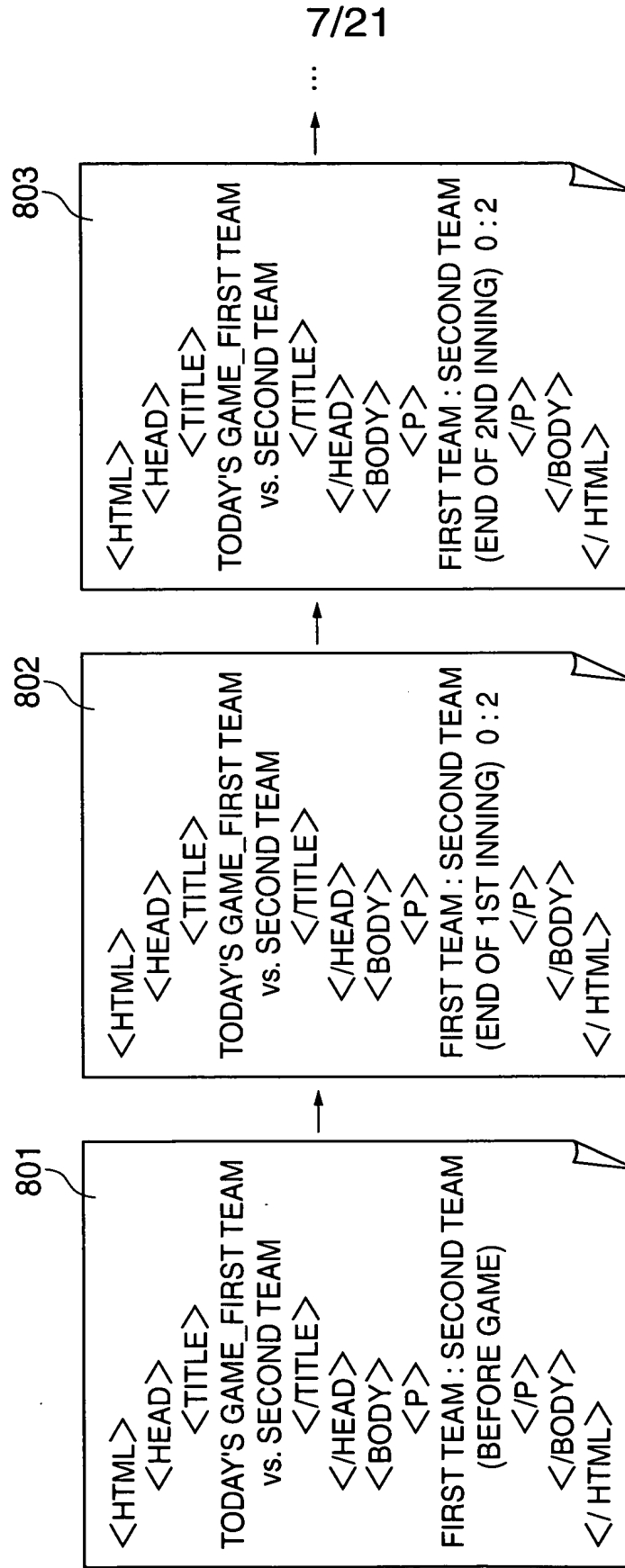
FIG. 7C

702 ~ CRITERION: WHETHER OR NOT TEXT PORTION EXCEPT HTML TAGS  
HAS BEEN ADDED, UPDATED, OR DELETED?

FIG. 7D

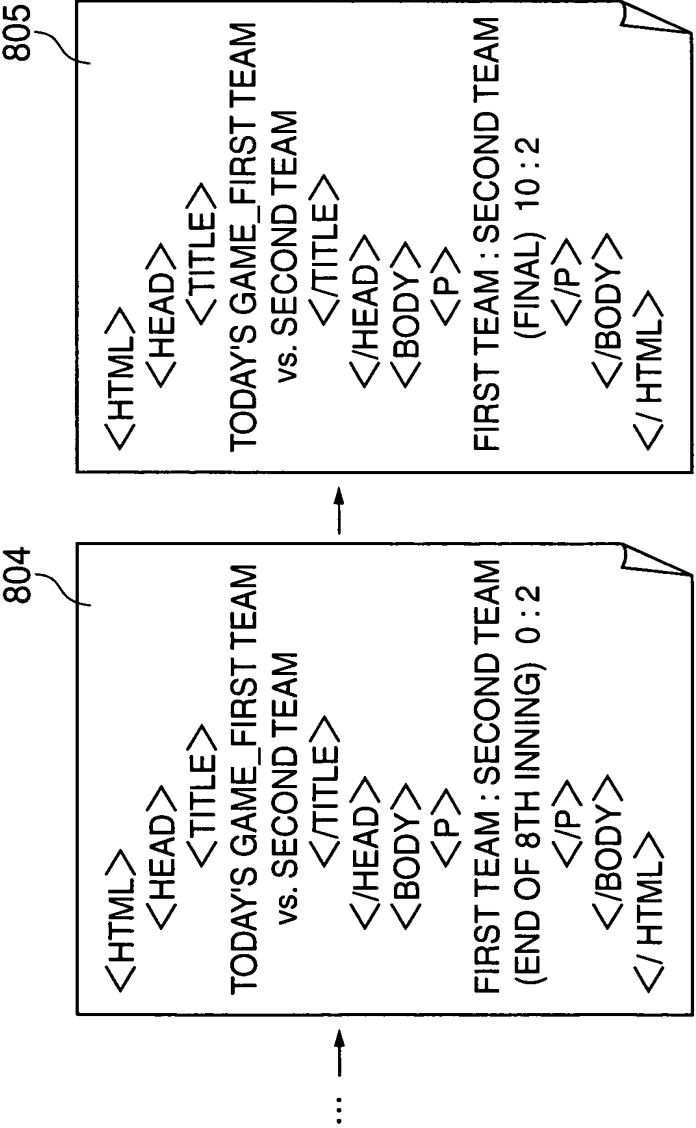
703 ~ 703 UPDATED CONTENT: FIRST TEAM : SECOND TEAM (BEFORE GAME)  
→ FIRST TEAM : SECOND TEAM (FINAL) 10 : 2

FIG. 8A



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FIG. 8B





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***FIG. 9***

FIRST TEAM : SECOND TEAM

→ FIRST TEAM : SECOND TEAM (END OF 1ST INNING) 0 : 2

FIRST TEAM : SECOND TEAM (END OF 1ST INNING) 0 : 2

→ FIRST TEAM : SECOND TEAM (END OF 2ND INNING) 0 : 2

⋮

FIRST TEAM : SECOND TEAM (END OF 8TH INNING) 0 : 2

→ FIRST TEAM : SECOND TEAM (FINAL) 10 : 2

***FIG. 10***

FIRST TEAM : SECOND TEAM

→ FIRST TEAM : SECOND TEAM (END OF 1ST INNING) 0 : 2

FIRST TEAM : SECOND TEAM (END OF 1ST INNING) 0 : 2

→ FIRST TEAM : SECOND TEAM (END OF 2ND INNING) 0 : 2

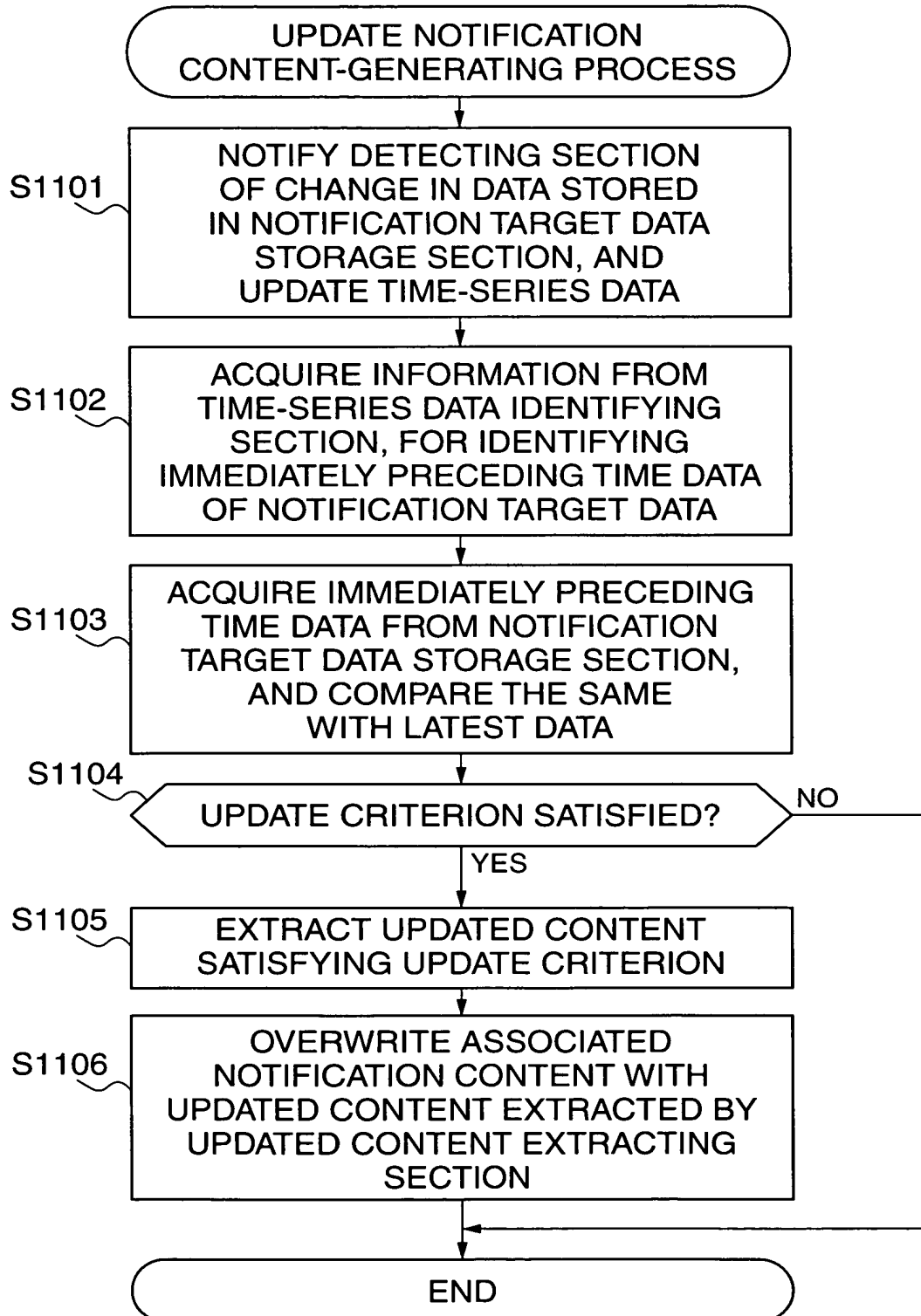
⋮

FIRST TEAM : SECOND TEAM (END OF 8TH INNING) 0 : 2

→ FIRST TEAM : SECOND TEAM (FINAL) 10 : 2

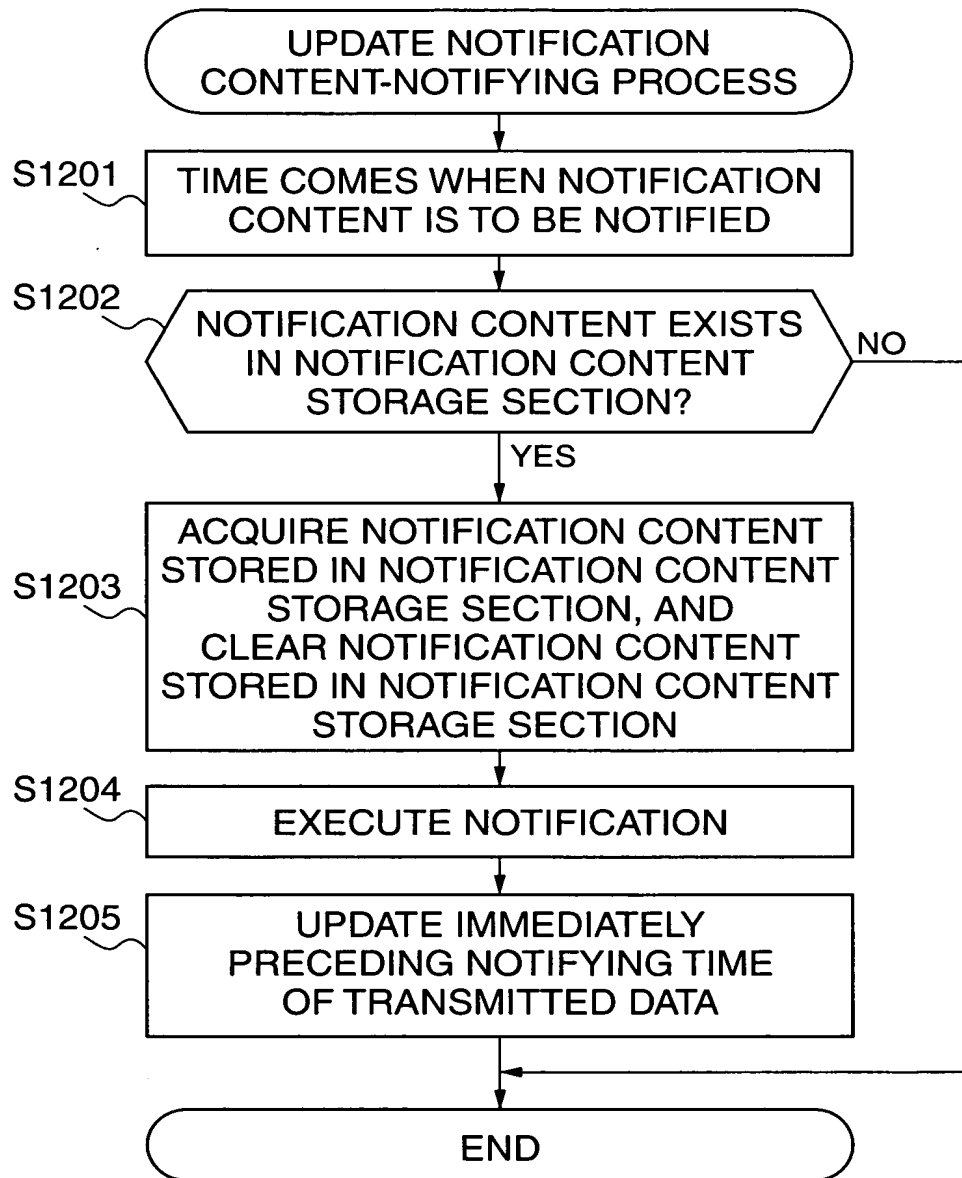
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**FIG. 11**



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**FIG. 12**





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**FIG. 13**

1301

NOTIFICATION TARGET DATA	IMMEDIATELY PRECEDING DETECTION TIME
DocDB/Data1/DOCUMENT DATA FILE A	2001 12 07 19:00
DocDB/Data1/DOCUMENT DATA FILE B	2001 12 07 20:00
⋮	⋮



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***FIG. 14***

FIRST TEAM : SECOND TEAM (BEFORE GAME)	}	1401
→ FIRST TEAM : SECOND TEAM (END OF 1ST INNING) 0 : 2		
FIRST TEAM : SECOND TEAM (BEFORE GAME)		
→ FIRST TEAM : SECOND TEAM (END OF 2ND INNING) 0 : 2		
⋮		
FIRST TEAM : SECOND TEAM (BEFORE GAME)		
→ FIRST TEAM : SECOND TEAM (FINAL) 10 : 2		

<div style="border: 1px solid black; padding: 5px; display: inline-block;">FIRST TEAM : SECOND TEAM (BEFORE GAME) → FIRST TEAM : SECOND TEAM (FINAL) 10 : 2</div>	1402
---	------

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**FIG. 15**

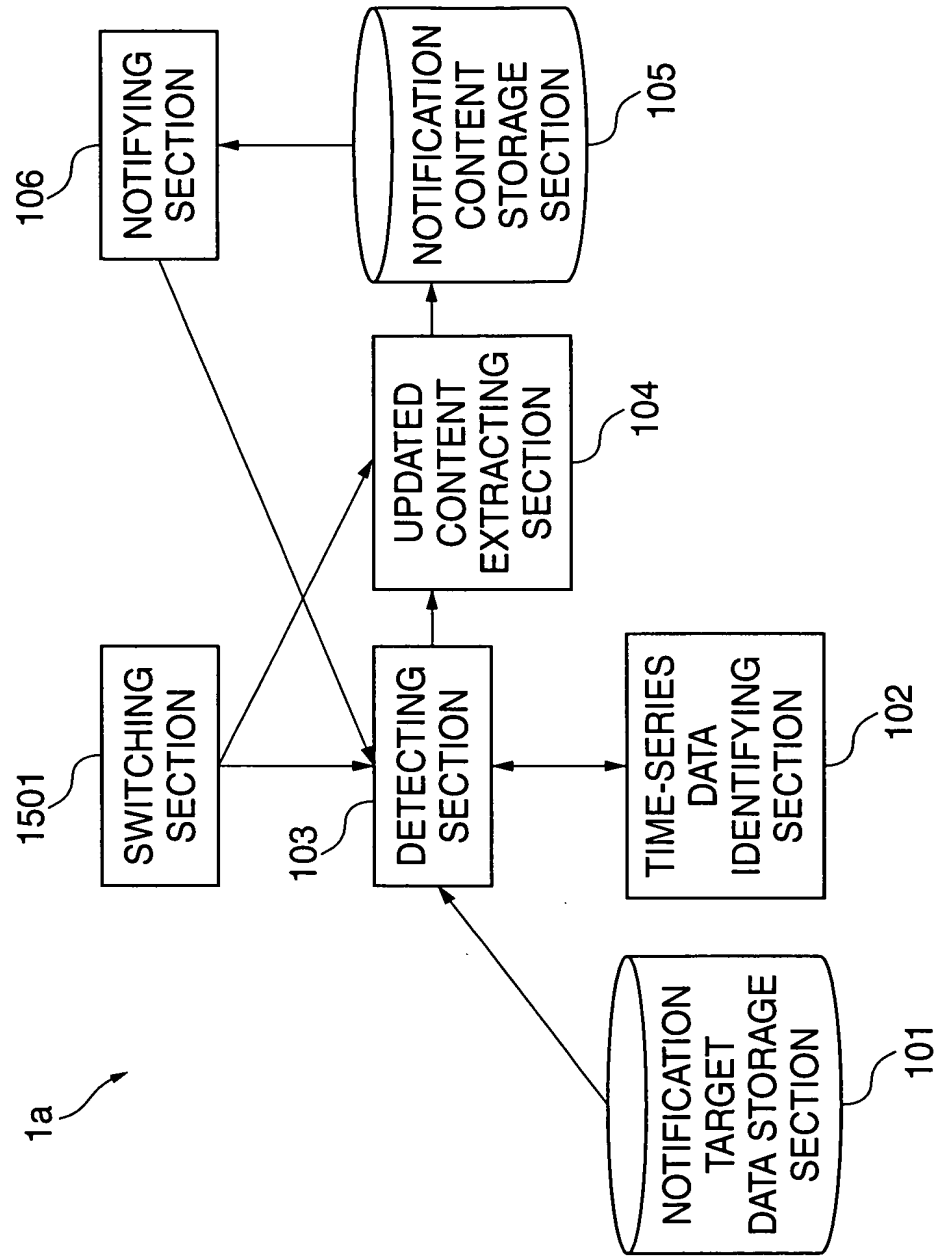
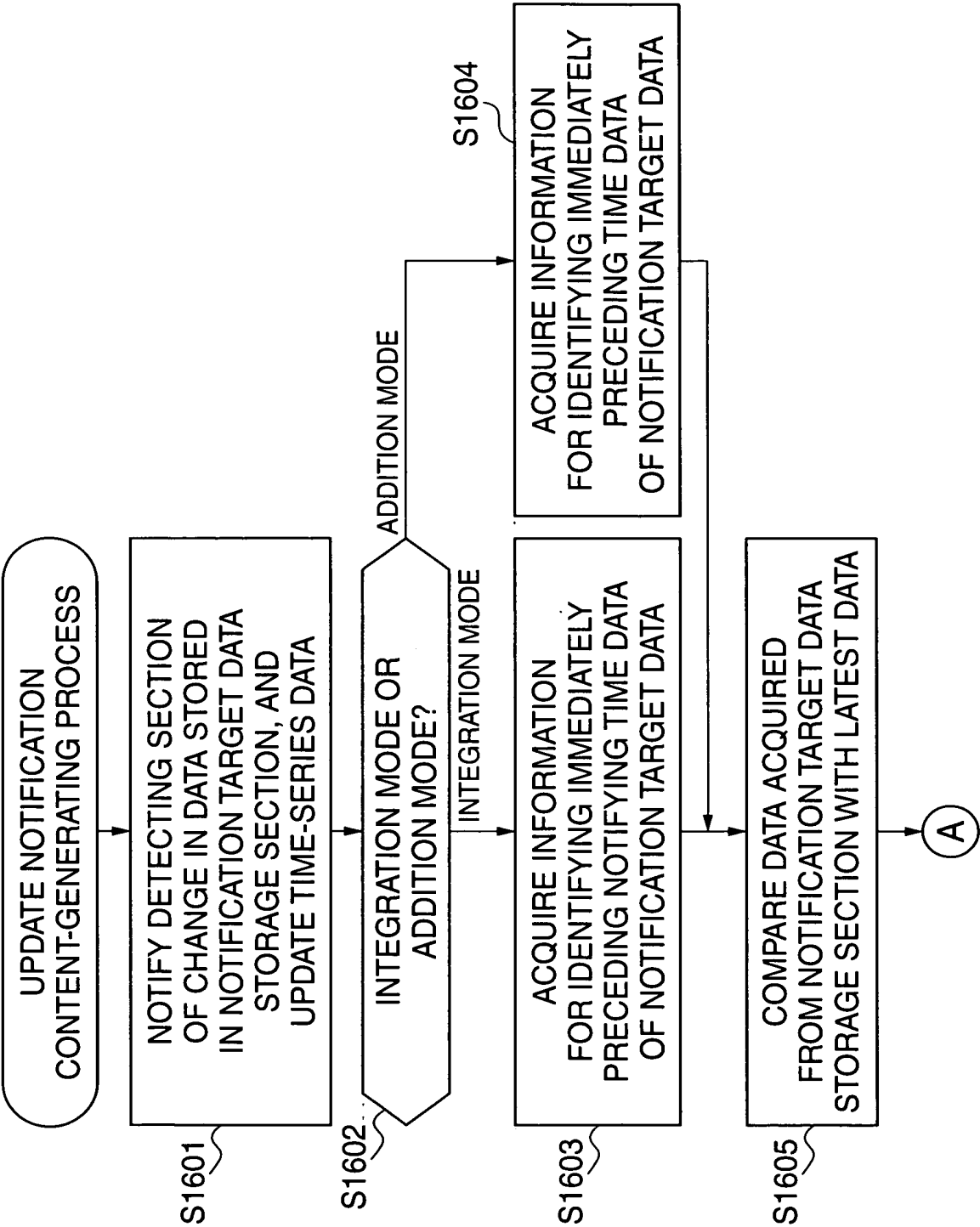
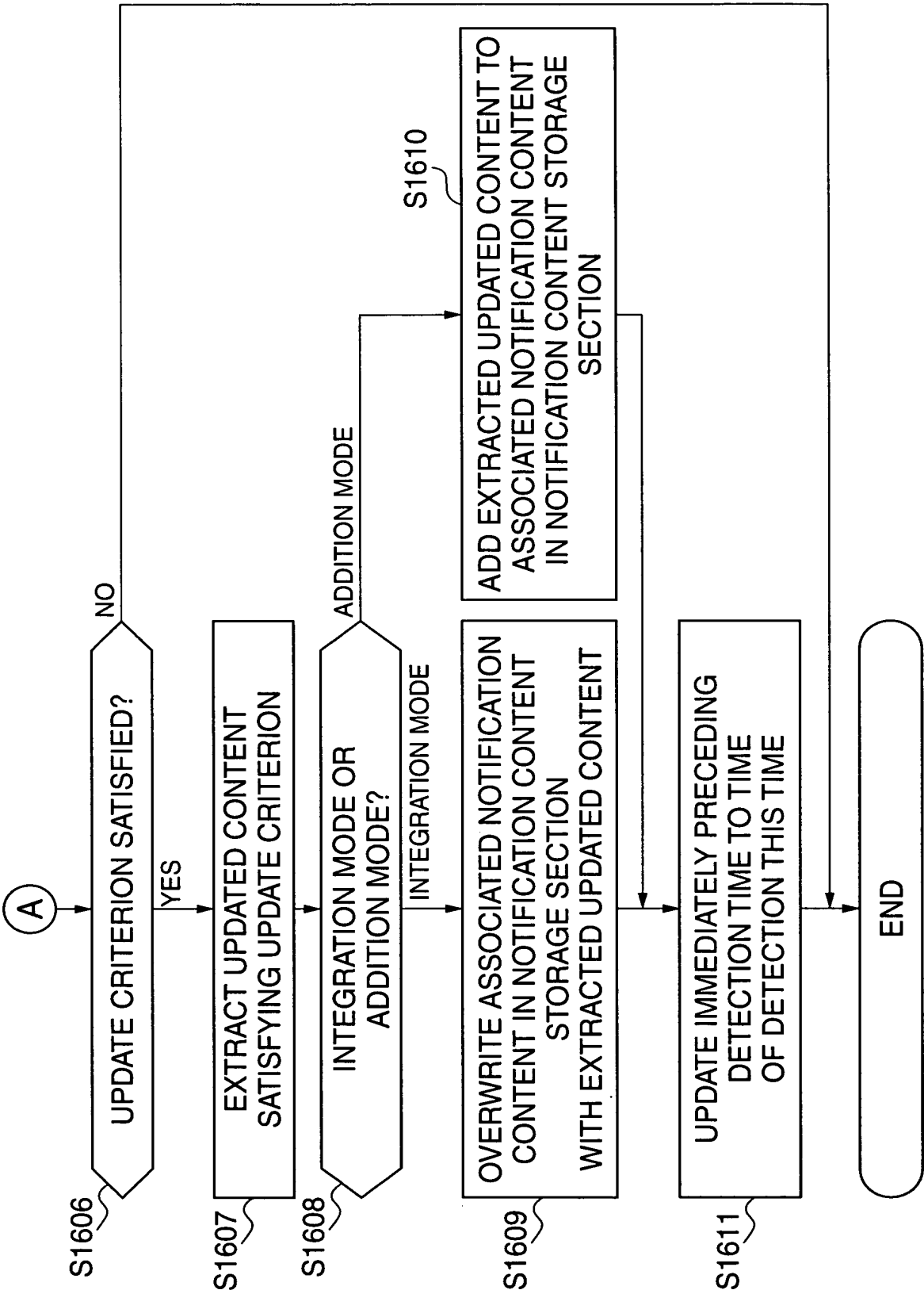


FIG. 16Aa



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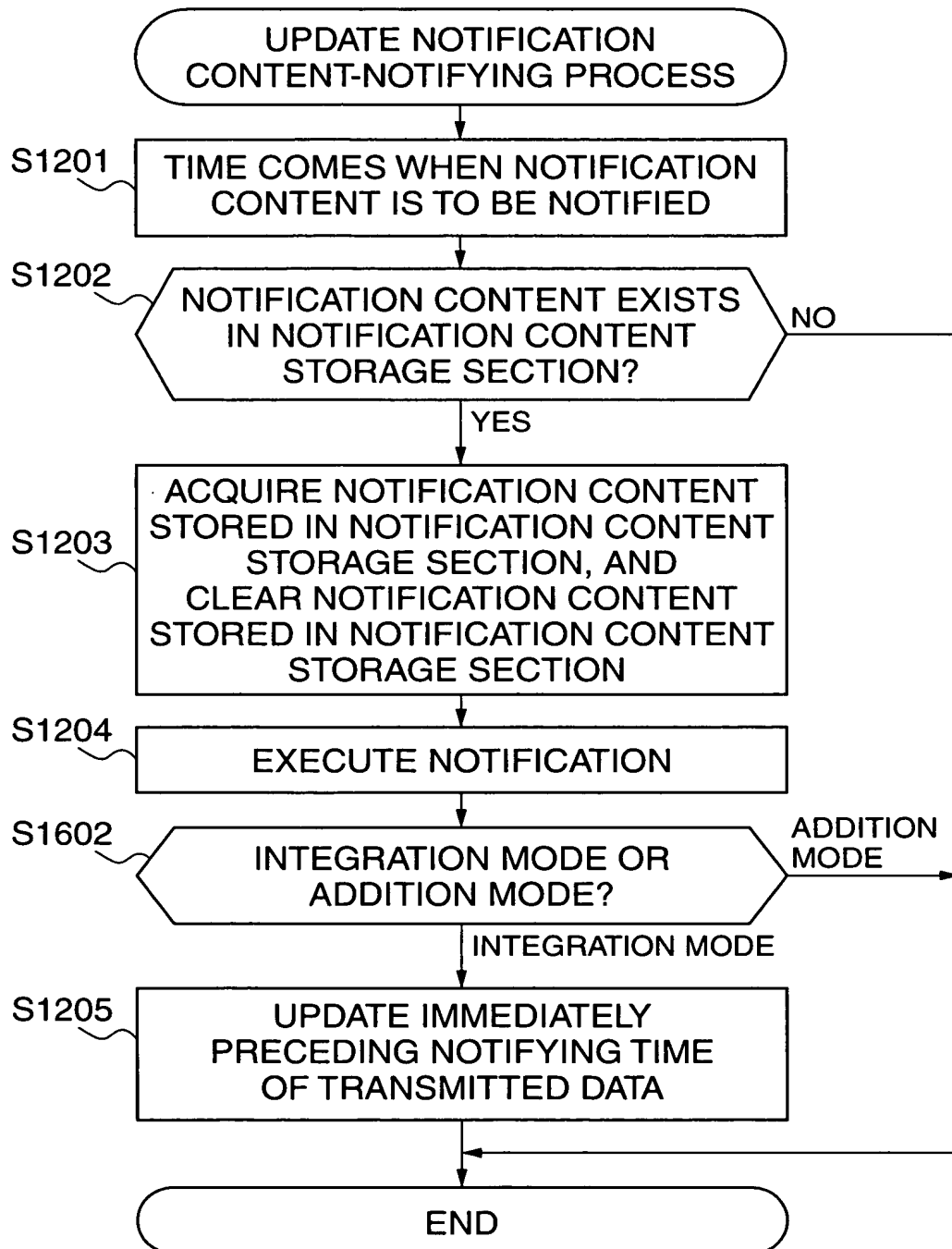
FIG. 16Ab





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**FIG. 16B**



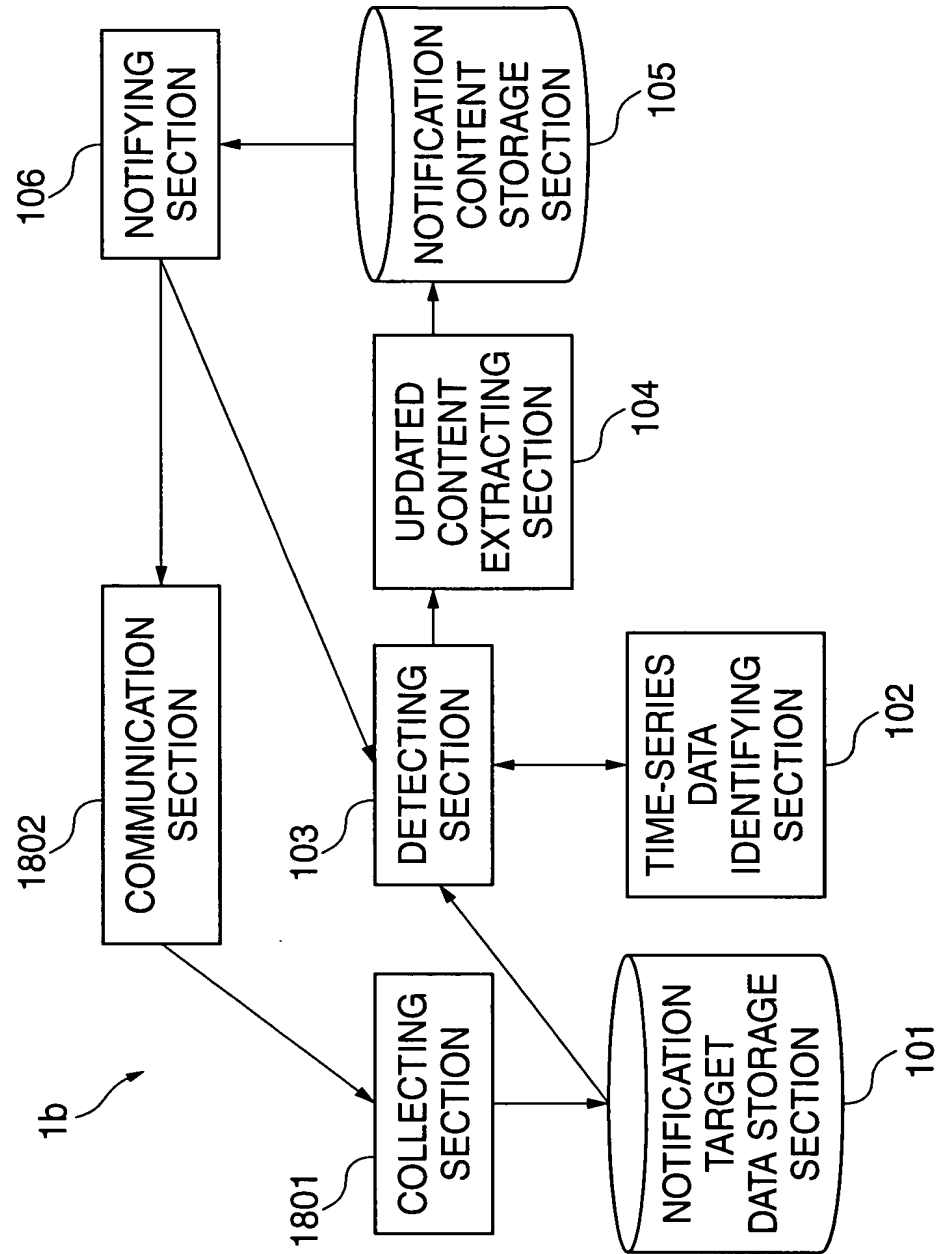
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***FIG. 17***

FIRST TEAM : SECOND TEAM (BEFORE GAME)  
→ FIRST TEAM : SECOND TEAM (END OF 1ST INNING) 0 : 2  
FIRST TEAM : SECOND TEAM (END OF 1ST INNING) 0 : 2  
→ FIRST TEAM : SECOND TEAM (END OF 2ND INNING) 0 : 2  
:  
:  
FIRST TEAM : SECOND TEAM (END OF 8TH INNING) 0 : 2  
→ FIRST TEAM : SECOND TEAM (FINAL) 10 : 2

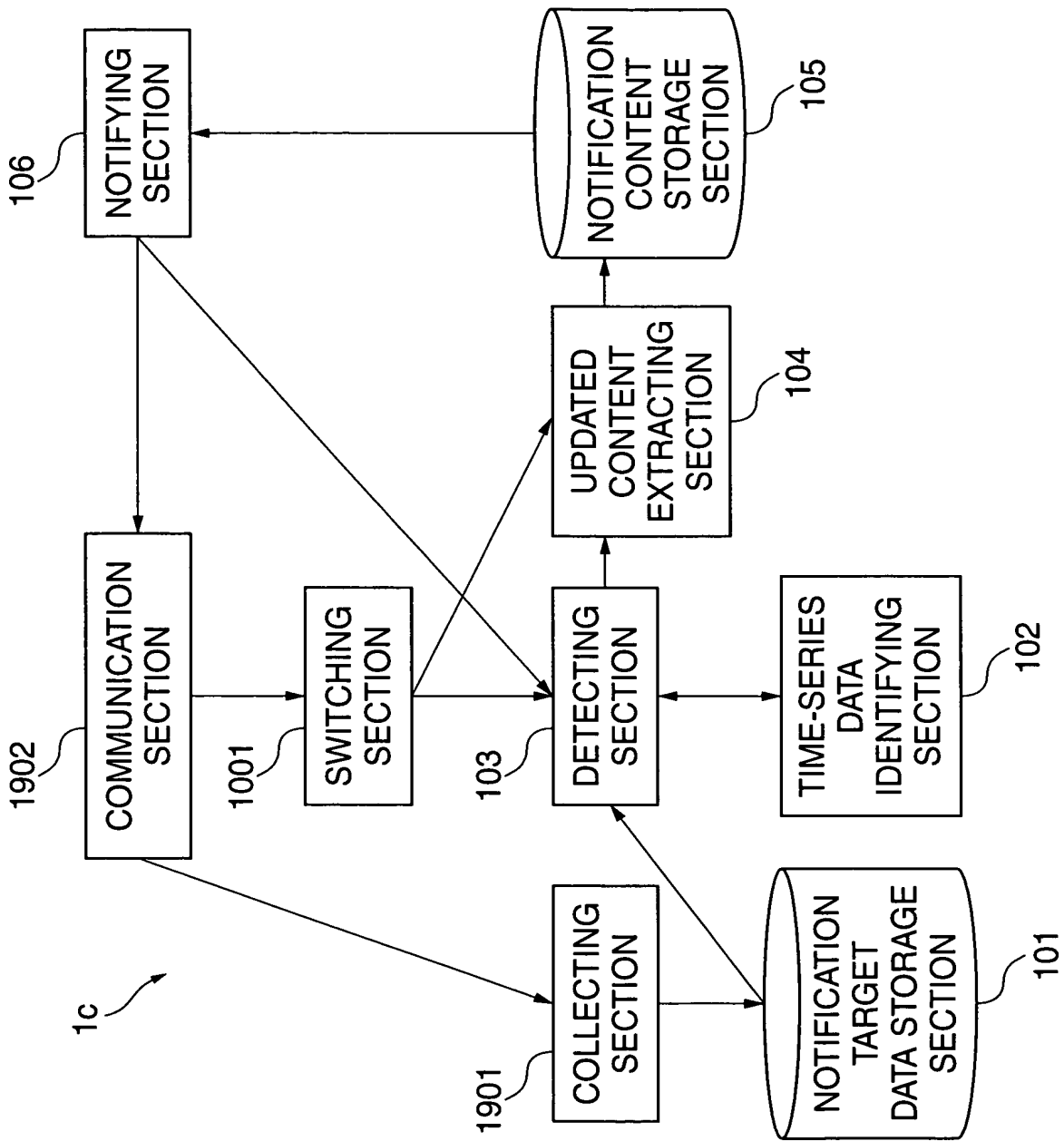
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**FIG. 18**



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FIG. 19



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**FIG. 20**

